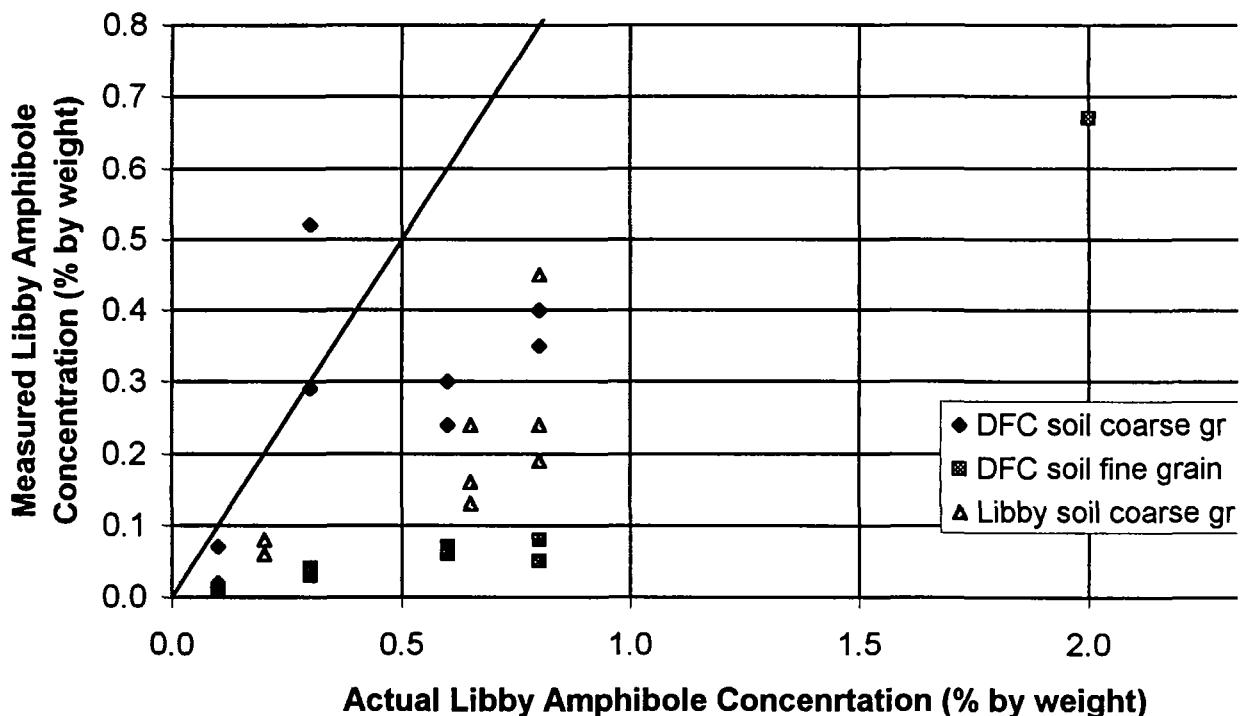


D_r = F₁ -

My review only

EMSL SEM Analysis of Soil Test Materials



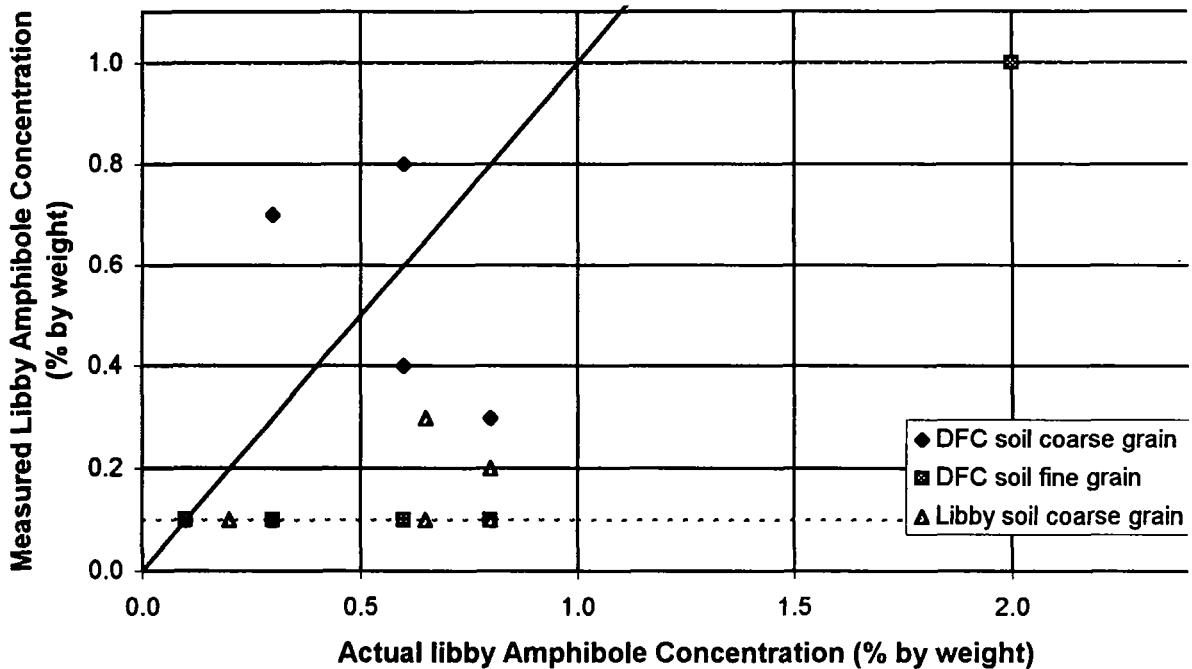
0 0
1 1

Soil ID	Description	Actual % LA	FC LA	Libby Amphibole (%)	Adjusted
GSCDOA11	DFC soil coarse grain	0.1 <		0.1	0.1
GSCDOA60	DFC soil coarse grain	0.6		0.8	0.8
GSCDOB10	DFC soil coarse grain	0.1		0.1	0.1
GSCDOB32	DFC soil coarse grain	0.3		0.1	0.1
GSCDOC31	DFC soil coarse grain	0.3		0.7	0.7
GSCDOD82	DFC soil coarse grain	0.8		0.3	0.3
GSCDOF61	DFC soil coarse grain	0.6		0.4	0.4
GSCDOF81	DFC soil coarse grain	0.8		0.3	0.3
GSFDOO11	DFC soil fine grain	0.1 <		0.1	0.1
GSFDOO12	DFC soil fine grain	0.1 <		0.1	0.1
GSFDOO31	DFC soil fine grain	0.3 <		0.1	0.1
GSFDOO32	DFC soil fine grain	0.3 <		0.1	0.1
GSFDOO60	DFC soil fine grain	0.6 <		0.1	0.1
GSFDOO61	DFC soil fine grain	0.6 <		0.1	0.1
GSFDOO81	DFC soil fine grain	0.8 <		0.1	0.1
GSFDOO82	DFC soil fine grain	0.8 <		0.1	0.1
GSFDDA2	DFC soil fine grain- (amphibole dry mix)	2 >		1	1
GSSA00107	libby soil #107	0		0.1	0.1
GSSA00108	libby soil #108	0		0.1	0.1
GSSA00109	libby soil #109	0		0.2	0.2
GSSA00110	libby soil #110	0 <		0.1	0.1
GSSA00112	libby soil #112	0		0.1	0.1
GSS103806	libby soil #3806	0 <		0.1	0.1
GSS103808	libby soil #3808	0		0.1	0.1
GSS103813	libby soil #3813	0 <		0.1	0.1
GSS0942C	libby soil #942C	0 >		1	1
GSS0943C	libby soil #943C	0		0.1	0.1
GSCL288	Libby soil coarse grain	0.8		0.1	0.1
GSCL465	Libby soil coarse grain	0.65		0.1	0.1
GSCL802	Libby soil coarse grain	0.2		0.1	0.1
GSCLOA20	Libby soil coarse grain	0.2 <		0.1	0.1
GSCLOA80	Libby soil coarse grain	0.8		0.2	0.2
GSCLOA81	Libby soil coarse grain	0.8		0.1	0.1
GSCLOB22	Libby soil coarse grain	0.2		0.1	0.1
GSCLOC66	Libby soil coarse grain	0.65		0.1	0.1
GSCLOD65	Libby soil coarse grain	0.65		0.3	0.3
GSDM003	Libby Yard Sample	5 >		1	1
GSDM003	Libby Yard Sample	5 >		1	1
GSDM004	Libby Yard Sample	5 >		1	1
GSDM004	Libby Yard Sample	5 >		1	1

w/o PLM's 20/30 OK

w/o PLM 29/40 OK

EMSL IR Analysis of Soil Test Materials



0	0.1	1	0
1	0.1	1	1
2	0.1	1	2
3	0.1	1	
4	0.1	1	
5	0.1	1	
6	0.1	1	

cont'd



Soil ID	Description	Sample % A	C	A	Libby Amphibole (%)	Adjusted
GSCDOA11	DFC soil coarse grain	0.1			0.02	0.02
GSCDOA60	DFC soil coarse grain	0.6			0.24	0.24
GSCDOB10	DFC soil coarse grain	0.1			0.07	0.07
GSCDOB32	DFC soil coarse grain	0.3			0.29	0.29
GSCDOC31	DFC soil coarse grain	0.3			0.52	0.52
GSCDOD82	DFC soil coarse grain	0.8			0.35	0.35
GSCDOF61	DFC soil coarse grain	0.6			0.3	0.3
GSCDOF81	DFC soil coarse grain	0.8			0.4	0.4
GSFDOO11	DFC soil fine grain	0.1			0.01	0.01
GSFDOO12	DFC soil fine grain	0.1	<		0.01	0.01
GSFDOO31	DFC soil fine grain	0.3			0.03	0.03
GSFDOO32	DFC soil fine grain	0.3			0.04	0.04
GSFDOO60	DFC soil fine grain	0.6			0.07	0.07
GSFDOO61	DFC soil fine grain	0.6			0.06	0.06
GSFDOO81	DFC soil fine grain	0.8			0.08	0.08
GSFDOO82	DFC soil fine grain	0.8			0.05	0.05
GSFDDA2	DFC soil fine grain- (amphibole dry mix)	2			0.67	0.67
GSSA00107	libby soil #107	0 <			0.01	0.01
GSSA00108	libby soil #108	0 ND				0.0001
GSSA00109	libby soil #109	0			0.09	0.09
GSSA00110	libby soil #110	0			0.02	0.02
GSSA00112	libby soil #112	0 ND				0.0001
GSS103806	libby soil #3806	0 ND				0.0001
GSS103808	libby soil #3808	0			0.02	0.02
GSS103813	libby soil #3813	0			0.02	0.02
GSS0942C	libby soil #942C	0			0.13	0.13
GSS0943C	libby soil #943C	0			0.04	0.04
GSCL288	Libby soil coarse grain	0.8			0.24	0.24
GSCL465	Libby soil coarse grain	0.65			0.24	0.24
GSCL802	Libby soil coarse grain	0.2			0.08	0.08
GSCLOA20	Libby soil coarse grain	0.2			0.08	0.08
GSCLOA80	Libby soil coarse grain	0.8			0.19	0.19
GSCLOA81	Libby soil coarse grain	0.8			0.45	0.45
GSCLOB22	Libby soil coarse grain	0.2			0.06	0.06
GSCLOC66	Libby soil coarse grain	0.65			0.16	0.16
GSCLOD65	Libby soil coarse grain	0.65			0.13	0.13
GSDM003	Libby Yard Sample	5			0.29	0.29
GSDM004	Libby Yard Sample	5			0.16	0.16

wrong 7/28 → decimal problem on DFC fine?

wrong 7/28

right 2/28

100% Libby soil coarse